

From: Aram Varjabedian <avarjabedian@woodardcurran.com>
Sent: Thursday, April 14, 2016 5:28 PM
To: Turin, David; Burns, David (DEP); Joyce, Ryan (FWE); jsullivan@town.hull.ma.us
Cc: 'Dow, James'; Frank Cavaleri; Kevin Stetson
Subject: Hull WPCF - MA0101231 - SSO - 04/14/16
Attachments: SSOpics1_041416.pdf; SSOpics2_041416.pdf

To All:

As a follow up to calls and messages left earlier today. As a result of the dismantling of the 12-inch piping system that has been at the plant since last fall, for use of the Godwin Pump for back-up influent pumping, there was a small release of gallons of residual sewage remaining in the pipes to the adjacent ground area where the first pieces were separated. The estimated release was 50 to 75 gallons. The piping run consisted of approximately 450 feet of 12-inch pipe, that started at the influent wet well and discharged to the primary effluent distribution box. The initial pipe separation was made in an area we had thought had sufficiently drained down, since this was a high point in the pipe run. However, we found that this was not the case. Both sides of the separated piping were immediately raised up by the assisting backhoe and also blocked up to stop any additional release of liquid.

The on-going dismantling of the pipe sections was made by elevating and draining the pipes to a lower area, one 10-ft section at a time. Since the pipe run was not level, there were some low areas. In these areas, there was accumulation of sewage and the drain port for the pipe run was not sufficient enough to drain the system out.

We initiated use of a small diaphragm pump to pump out much of the remaining liquid back into the facility. A vactor truck was called in to assist with vacuuming out the pipe sections so that other sections could be raised and drained out. Quicklime was applied to the affected grassy area. There was no run-off from the property.

I have attached a few pictures. A full SSO report will be submitted. Should you have any questions or concerns, please don't hesitate to contact me.

Sincerely,

Aram

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